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**PATENT**  
068986.0102

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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**In re application of:**

LYLES

Serial No.: 09/910,485

**Filed: JULY 20, 2001**

# Title: "SUNSCREEN FORMULATIONS CONTAINING NUCLEIC ACIDS"

Group No.: 1632

**Examiner:** *To Be Assigned*

Atty. Docket No : 068986 0102

## **TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT**

Assistant Commissioner for Patents  
Box Patent Application  
Washington, D.C. 20231

Sir:

Applicant respectfully requests, pursuant to 37 C.F.R. §§1.56, 1.97 and 1.98, that the art listed on the attached PTO-1449 form be considered and cited in the examination of the above-identified continuation patent application. A copy of the cited art is enclosed for the convenience of the Examiner.

Furthermore, pursuant to 37 C.F.R. §§1.97(g) and (h), no representation is made that these references are material to the patentability of the present continuation application. Each item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement.

Pursuant to 37 C.F.R. 1.98(a), a concise explanation of the relevance, as it is presently understood by the individual designated in §1.56(c) most knowledgeable about the content of the information, of each patent, publication or other information listed that is not in the English language, is enclosed.

#### **Concise Explanation of Relevance for Non-English Language Information**

A copy of the International Search Report is included to show the degree of relevance cited by the European Patent Office.

The following are English language abstracts of the cited references.

#### WO0158418

Disclosed are novel sunscreening agents containing (a) nucleic compounds and (b) alpha hydroxycarboxylic acids and/or the derivatives thereof.

#### DE4323615

The invention relates to cosmetic compositions to prevent premature aging of the skin and to compositions which are suitable for preventing biological damage to the human body due to environmental effects and which can be used as antiradiation and sunscreen compositions. These compositions contain as active ingredients nucleic acids, their building blocks or their derivatives.

#### WO0054743

The invention relates to cosmetic and/or pharmaceutical preparations containing (a) water-soluble beta -(1,3) glucans that are substantially devoid of beta -(1,6) links and (b) deoxyribonucleic acids and their breakdown and degradation products.

WO9951197

The invention relates to cosmetic agents containing desoxyribonucleic acids and UV-light protection filters, and to the use of said agents for producing sunscreens and after-sun preparations.

FR2634374

The invention relates to a cyto-photo-protector agent for protecting the skin, specially the Langerhans cells. Said agent is characterized in that it is comprised of at least one compound selected amongst the group of nucleic compounds and derivatives including: A – ribonucleic acids, as well as their derivatives, preferably their salts, with mineral or organic bases, preferably complex salts of basic proteides, basic aminoacids or basic peptices; and B – ribonucleotides as well as their derivatives of the salt type, with mineral or organic bases including complex salts with basic proteides, basic aminoacids or basic peptides; and C – ribonucleosides. It is thus possible to prepare cosmetic and/or dermopharmaceutical compositions for topical utilization and which have a photoprotecting activity on teguments, but more particularly on living cells of the derm and the epiderm, thus providing for a cytoprotection of the skin, particularly epiderm immunocompetent cells; Langerhans cells sensitive to solar radiation and also by contact with certain compounds frequently used as conventional solar filters.

This Information Disclosure Statement is being filed without a fee under C.F.R. 1.97(c)(1). Applicant hereby authorizes the Patent and Trademark Office to charge Deposit Account No. 02-0383 (*formerly, Baker & Botts, L.L.P.*), Order No. **(068986.0102)** for any other charges necessary for the filing of this Information Disclosure Statement.

Respectfully submitted,  
BAKER BOTTS L.L.P. (023640)

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